3.5" USB External Enclosure
SUSB2-35CAF

User's Manual

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Introduction

Congratulations on your purchase of External Caddy Portable Device Disk (Supports all IDE Devices).External Caddy is your friendly, secure, and lightweight removable mass storage device disk. It plugs through the USB port so your computer will quickly detect and configure the disk without needing to restart the computer. You read, write, copy and delete files just the same way as you use a disk drive. And since it is a large capacity disk, you can also play MP3 files, run program applications or play videos directly from the disk.

The External Caddy Portable Device Disk is so light and compact that you can carry it with you anywhere. It comes in various large storage capacities starting at 5-300GB. It is so easy to install that you can actually use it as your Backup device or replace the ZIP drives, MO drives, and even CD-RW discs.

The External Caddy is excellent for Backing up information, Video, audio recording, Video capture, music, movies, to save lots of information and to share networking data. Take this powerful storage device with you to anywhere, to share, copy and backup information, from home to work, from home to school, and so on.

1.1 Overview of USB

Universally adopted by the PC industry as the primary interface for computer peripherals, the USB 1.1 standard is rapidly being superseded by the USB 2.0 specification, offering transfer rates 40 times faster to satisfy even the most demanding peripherals and applications. At data transfers of 480Mbps, USB2.0 is the ideal solution for high-bandwidth applications being developed in today's PC market, such as digital photography and faster broadband Internet connections, while the performance of USB 2.0 enabled peripherals such as digital and video cameras and next generation scanners and printers is greatly enhanced. Backward-compatible with USB1.1, USB2.0 provides a seamless migration path for both developers and users.

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Before you begin

This chapter contains information that you need to know before start working with your External Caddy. It is important that you go through them.

2.1 Package

External IDE Aluminum Silver Caddy
Driver DC
User Manual
Power Adapter
Power Cable
USB Cable

2.2 System Requirement

- Windows98/98SE, ME, 2000, XP; Mac 9. x/X or above ; Linux 2.4.x or above
- AMD or Intel Pentium 133MHz or better based computer
- USB 1.1, USB 2.0 port

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Hardware installation

This chapter guides you step-by-step with screen shots on how to install the External Caddy.

3.1 The Hardware Installation

The Front side of the Caddy showing the Screws.Fig.1

Fig.1

The Back side of the External Caddy showing the slots to fix the Hard disk, with fan in the back side for air circulation to keep the Hard Disk Drives constantly fresh and to avoid the overheating while using high capacity HDDs, also to make the unit work smoothly and to provide more HDD life time. Fig.2

Fig.2

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The screws used to fix the hard disk in External Caddy Fig.3

Fig.3

The Power Adapter and Power Cable used for connecting the External Caddy to the A/C outlet.

Fig.4

The USB Cable used for connecting the External Caddy with your Computer.

Fig.5

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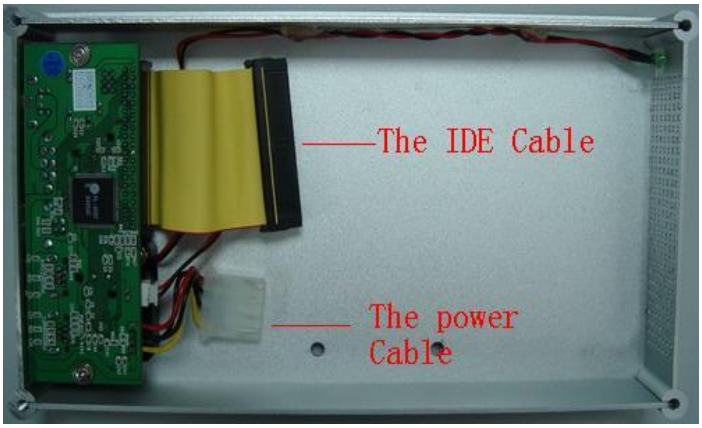
The Rear end of the External Caddy showing
DC IN : Used for plugging the Power Adapter
ON/OFF: Used for Power ON/OFF
USB 2.0: Used for connecting the caddy with your computer through High Speed USB 2.0 Interface

The picture below shows the inside of the External Caddy, showing the IDE and Power Cable for connecting your Hard disk to Caddy. Fig.6



Now we will install the hard disk into the External Caddy step by step.
At first, configure your hard drive jumper settings to **Master** mode; please check the hard disk manual Fig.7.

Fig.7

1. Open the top cover of the Caddy by loosening the four screws. Please check Fig.8.

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Fig.8

Now connect the hard disk to the Caddy.

First thing is to have a formatted/partitioned hard drive. Then simply attach the IDE and power cables to the hard drive. Fig.11.Gently slides the hard drive into the enclosure. If your hard disk is not formatted or partitioned then the icon for your hard disk will not appear in **My Computer** in order to make your hard disk workable, go to **My computer** > **Mange** > **Disk Management** there you will see the New hard disk named as **Disk 1** as **Disk 0** will be your old hard disk. Then go to the **Action** Menu and select the **New Tasks** then select **New Partition** and follow the steps, in order to make new partitions in your new hard disk. After partitioning your hard disk, its icon will appear in **My Computer** and normal operation can start after formatting.

Fig.9

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2. After you connected the hard disk to caddy, you should fix the hard disk by tightening the screws from back of the Case, please check the Fig.10.

Fig.10

3. Now it should look like as Fig.11, after you installed the hard disk into the caddy accurately.

Reassemble the top cover to the Case by tightening the four screws back. Please check Fig.12.

Next thing is connecting the Caddy to your computer. Plug one end of the power cable to the AC

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wall outlet and the second to the caddy adapter(the one provided with caddy) and then connect the PS/2 type power cord to the caddy (PS/2 port). Attach the one end of the USB 2.0 cable to the Caddy and the other end of the cable to the open USB 2.0 or FireWire port on your computer. If you have Windows XP / Win 2000 then in seconds your system should start to recognize the hard drive. It'll read the contents and a pop up will tell you, your new device is installed and ready for use. Keep the ON/OFF button to ON. Please check the Fig.13.

If you're using Windows 98/ME then you'll need to install the drivers from the CD.Please check the Windows 98 Setup installation.

Fig.13

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Using USB Aluminum Silver Caddy

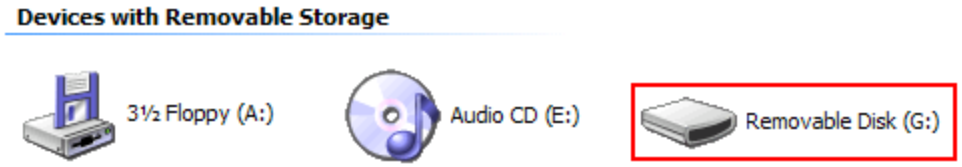
This chapter guides you step-by-step with screen shots on how to use the External Caddy with Windows 95/98Me, Winsows2000 and Windows XP

4.1Using the External Caddy

To use the Combo Aluminum Silver Caddy, simply plug it in to your computer's USB port as above. Windows ME, 2000, XP and above versions all support the USB Mass Storage driver needed to detect and run the device. However, if you have Windows 98, you will need to run the SETUP program included with your Combo Aluminum Silver Caddy.

4.2Plugging the External Caddy

Once you plug in your External Caddy Disk, Windows will assign a drive letter to the device and will usually designate it as a removable disk. You can work with the drive just like another disk drive or floppy diskette.



On the Windows taskbar, the Safely Remove Hardware icon will also appear where you can click it to safely unplug the device even if the computer is turned on.

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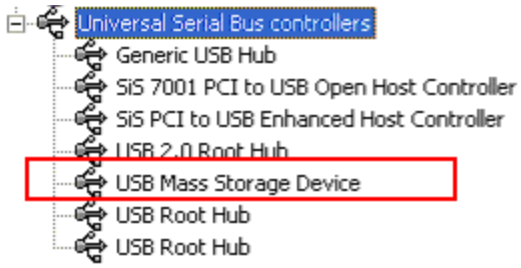
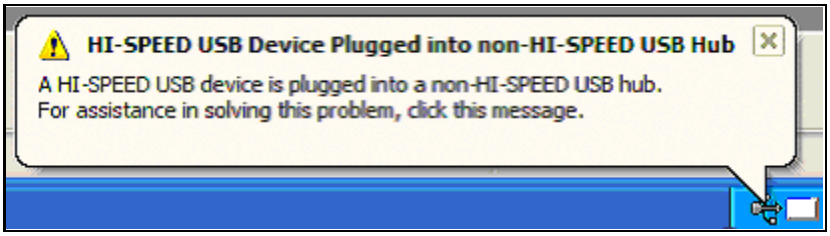
To make sure if the device is properly installed, click Start-Control Panel-System-Device Manager and go to the Universal Serial Bus Controllers. Check if there is USB Mass Storage Device and Generic USB Hub installed.


Universal Serial Bus controllers
Generic USB Hub
SiS 7001 PCI to USB Open Host Controller
SiS PCI to USB Enhanced Host Controller
USB 2.0 Root Hub
USB Mass Storage Device
USB Root Hub
USB Root Hub

This External Caddy is a USB 2.0 compliant device and is recommended that you plug it into a Hi-Speed USB 2.0 port. Whenever you plug the disk into a non-Hi-Speed USB port, Windows will show an alert message at the taskbar telling you that it is plugged into a non-Hi-Speed USB hub. You can still continue to use the disk but it will run at a low speed. Windows will recommend you to add a Hi-Speed USB host controller to your computer to obtain maximum performance.


HI-SPEED USB Device Plugged into non-HI-SPEED USB Hub
A HI-SPEED USB device is plugged into a non-HI-SPEED USB hub.
For assistance in solving this problem, click this message.

4.3Unplugging the External Caddy

To properly unplug the USB Aluminum Silver Caddy, you must double-click on the Safely Remove Hardware icon found on the right side of the taskbar to stop the device.

Click on the USB Mass Storage Devices and click the Stop button to safely remove the device. You can also click first on the Display device components to show the detailed information of the USB2.0 Disk Device.

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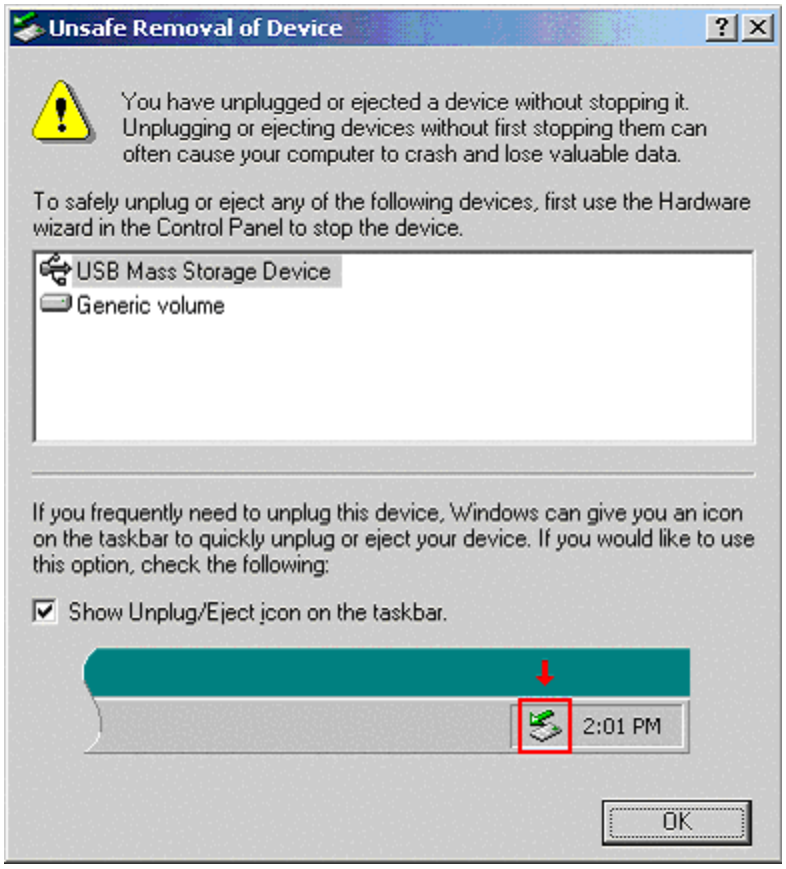
Once you have safely removed the device, Windows will then show that the USB Mass Storage Device can now be safely removed. You can then unplug the disk from the USB port.

In Windows 2000 or Windows ME, whenever you unplug the disk without safely removing it, Windows will show you a warning message that you unplug a device without stopping it and this may cause your computer to crash or lose valuable data. Also do not unplug the USB2.0 Disk when the read/write LED of the External Caddy is still on.


Unsafe Removal of Device
You have unplugged or ejected a device without stopping it. Unplugging or ejecting devices without first stopping them can often cause your computer to crash and lose valuable data.
To safely unplug or eject any of the following devices, first use the Hardware wizard in the Control Panel to stop the device.
USB Mass Storage Device
Generic volume
If you frequently need to unplug this device, Windows can give you an icon on the taskbar to quickly unplug or eject your device. If you would like to use this option, check the following:
Show Unplug/Eject icon on the taskbar.
2:01 PM
OK

Note: *Do not unplug or remove the device if the read/write LED of the Hi-Speed USB2.0 Caddy is on or blinking. Wait for the LED to turn off before you safely remove the device.*

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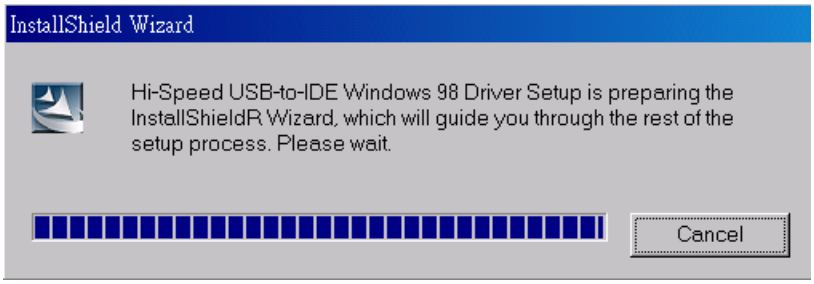
4.4 Windows 98 Setup Installation

Installing the External Caddy under Windows 98 requires the USB Mass Storage Device driver. If your computer is using Windows ME or above, then you don't need to install additional device drivers in order to use the Combo Aluminum Silver Caddy.

1. Power on your computer and boot to Windows. Load the External Caddy Disk Utility Driver CD and run the **SETUP.EXE**. The Install Shield Wizard Welcome dialog box will then appear to display some information regarding the Setup program. Click Next to continue.


InstallShield Wizard
Hi-Speed USB-to-IDE Windows 98 Driver Setup is preparing the InstallShieldR Wizard, which will guide you through the rest of the setup process. Please wait.
Cancel

2. Wait until Setup has finished installing the USB Flash Driver. When it prompts you that installation is complete, click **Finish** to end.

Get the latest updates to Windows 98

If you are running Windows 98 Second Edition you do not need Customer Service Pack -- all of the updates in the Customer Service Pack are included on your system. Windows 98 Customer Service Pack updates Windows 98 to keep your system in top shape. Download the Service Pack from Windows Update.

http://www.microsoft.com/windows98/downloads/default.asp

Note: Before you update the Microsoft 1394 upgrade driver, please check your Windows 98SE language version. If you use English version Windows 98SE, you must upgrade the English version upgrade driver. If your system was Chinese version Windows 98SE, you must install the Chinese version upgrade driver. If you install the wrong language version in your system, your Windows 98SE will crash.

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